NUEXCO

3000 SAND HILL ROAD
MENLO PARK, CALIFORNIA 94025

NUEXCO REPORT 165
EXECUTIVE SUMMARY

Exchange Value Decreases 8%, to $20.75

The **Exchange Value** as of April 30, 1982 is $20.75 per pound U_3O_8. The decline of $1.75 since last month reflects the acceleration of downward trends evident last month.

Near-Term Supply Increases Sharply; Near-Term Demand Declines

Active sellers in the zero to one year time frame are offering 13.0 million pounds U_3O_8, up 1.8 million pounds from last month. Not only did supply increase, but demand was reduced as one large order was filled. *Active* uranium demand in the zero to one year time frame now amounts to only 1.4 million pounds U_3O_8. Consequently, the ratio of near-term supply to near-term demand increased sharply from 5.2:1 last month to 9.3:1 this month.

Transaction Value Decreases Eighty Cents to $22.60

The **Transaction Value** as of April 30, 1982 is $22.60 per pound U_3O_8. It includes thirteen transactions totaling 3.6 million pounds U_3O_8 and covers a period of three months.

Three Uranium Sales Reported

Three uranium sales are reported this month. The total quantity falls in the range of 0.7 million to 1.4 million pounds U_3O_8. One small sale involved a Far East buyer and an unidentified seller. The other two transactions involved US sellers and US buyers.

Conversion Value Steady at $1.20

No conversion transactions are reported. The secondary market remains quiet, but is poised for a surge of activity. Substantial additional conversion services could enter the secondary market suddenly.

Eldorado Purchases Gulf's Canadian Uranium Assets

Eldorado Nuclear announced on April 28 the execution of a memorandum of principal terms under which Eldorado will purchase from Gulf Oil all the outstanding shares of Gulf Minerals Canada, Ltd. in exchange for uranium concentrates from Eldorado's inventory. In practical terms, this means that Eldorado has traded ten to twelve million pounds U_3O_8 *(Nuexco estimate)* for Gulf's interests in the Rabit Lake mine and mill, the Collins Bay and Eagle Point orebodies and assorted other uranium properties.

Improvements in Fuel Efficiency Reviewed

Interim results of long-term efforts to improve fuel efficiency in nuclear power plants indicate that the goals of 25 percent improvement in fuel efficiency for PWRs and 35 percent for BWRs not only will be achieved, but also have a good probability of being exceeded.

Cluff Lake Project Discussed

The *Raw Materials* section continues its discussion of Canada's Cluff Lake project, owned by Amok, Ltd. and SMDC

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